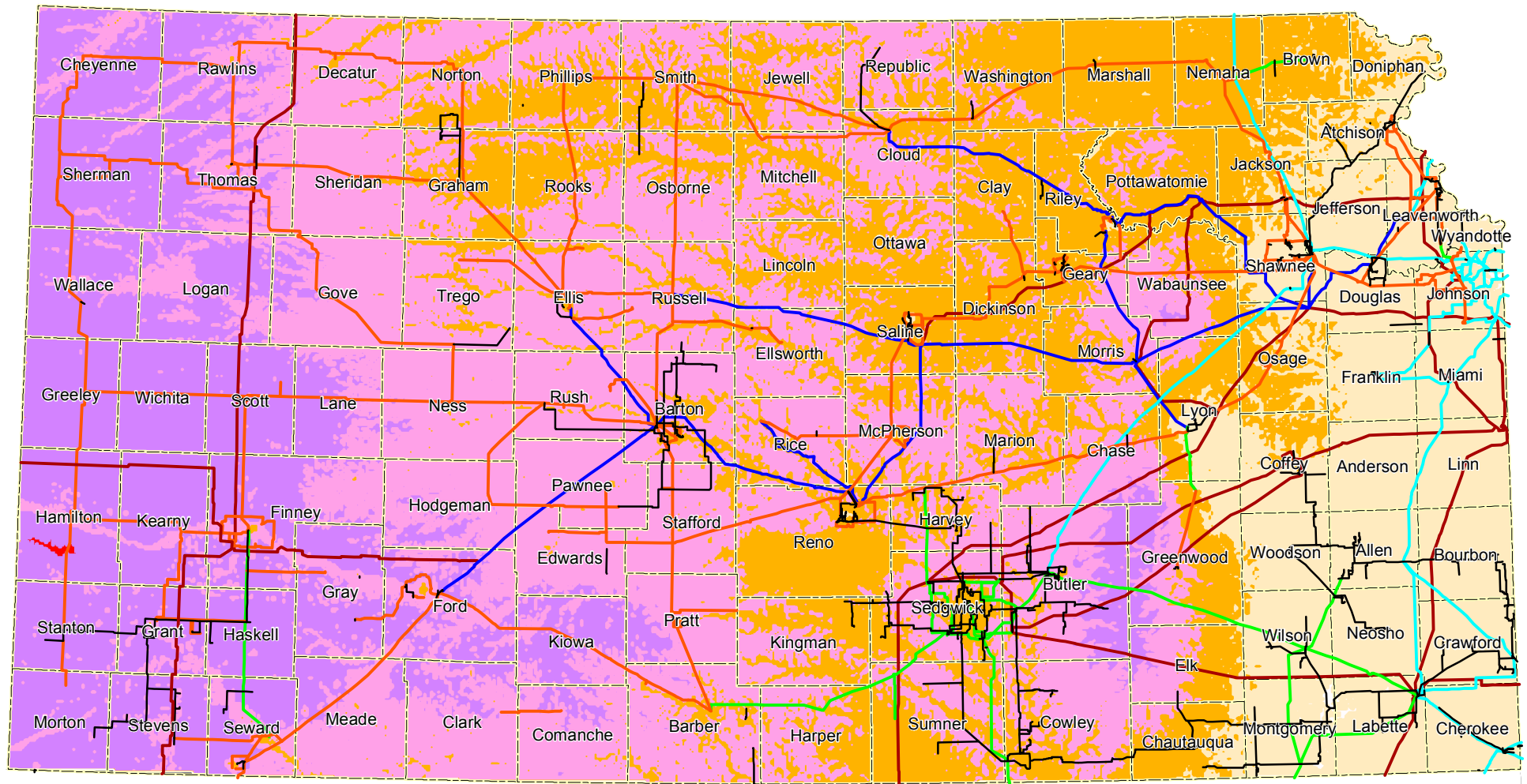


Kansas Wind Energy Resource Map and Electric Transmission



0 15 30 60 90 120
Miles

Electric Transmission Lines

— 345 - KV
— 230 - KV
— 161 - KV
— 138 - KV
— 115 - KV
— 69 - KV

Wind Speed at 50 meters

Class	Wind Speed (m/s)	Wind Speed (mph)
Class 1	0.00 - 5.60	0.00 - 12.5
Class 2	5.60 - 6.40	12.5 - 14.3
Class 3	6.40 - 7.00	14.3 - 15.7
Class 4	7.00 - 7.50	15.7 - 16.8
Class 5	7.50 - 8.00	16.8 - 17.9
Class 6	8.00 - 8.80	17.9 - 19.7
Class 7	> 8.80	> 19.7

Wind Power Density at 50m W/m²

Power Density (W/m ²)
0 - 200
200 - 300
300 - 400
400 - 500
500 - 600
600 - 700
> 700



The wind resource estimates presented on this map were developed by Coriolis-AE using WindMap TM. The spatial grid resolution is of 1000 (app) meters.

Development of this map was performed under contract with the Kansas Corporation Commission Energy Program with funding from the U. S. Department of Energy's Wind Power America Program.

This map may be viewed on the web at: <http://www.kcc.state.ks.us/energy/wind.htm>